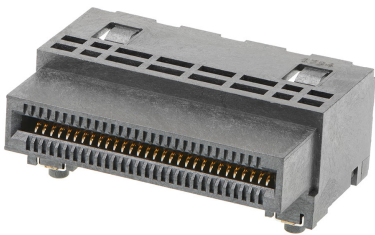




Part Number : [2139120022](#)
Product Description : OSFP Surface Mount Connector, 60 Circuits, 112 Gbps, Gold (Au) Mating Plating, Gold (Au) SMT Tail Plating
Series Number : 213912
Status : Active
Product Category : High-Speed I/O Connectors



Documents & Resources

Drawings
[2139120022_sd.pdf](#)
[2139129000-PKG.pdf](#)

3D Models and Design Files
[2139120022_stp.zip](#)

Specifications
[2139129010-TS-000.pdf](#)
[2139129020-AS-000.pdf](#)
[2139129030-RS-000.pdf](#)
[2139129010-PS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	Not Reviewed per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Reviewed per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 2024)
EU RoHS	Not Reviewed per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	High-Speed I/O Connectors
Series	213912
Description	OSFP Surface Mount Connector, 60 Circuits, 112 Gbps, Gold (Au) Mating Plating, Gold (Au) SMT Tail Plating
Application	Module-to-Board
Component Type	Receptacle
Product Name	OSFP
Type	Pluggable
UPC	198282195870

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	2.2A
Data Rate	112 Gbps (PAM-4)
Shielded	Yes
Voltage - Maximum	30V AC (RMS)

Physical

Circuits (Loaded)	60
Circuits (maximum)	60
Color - Resin	Black

Durability (mating cycles max)	100
Flammability	94V-0
Gender	Female
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	2.348/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
Panel Mount	N/A
PCB Locator	Yes
PCB Retention	None
Pitch - Mating Interface	0.60mm
Pitch - Termination Interface	0.60mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Temperature Range - Operating	-55° to +85°C
Termination Interface Style	Surface Mount

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	OSFP Cable

Use with Part(s)

Description	Part Number
Use With	OSFP Cage
